

FIGURE 1

NORMAL/LFA-1 DEFICIENT CELL ADHESION

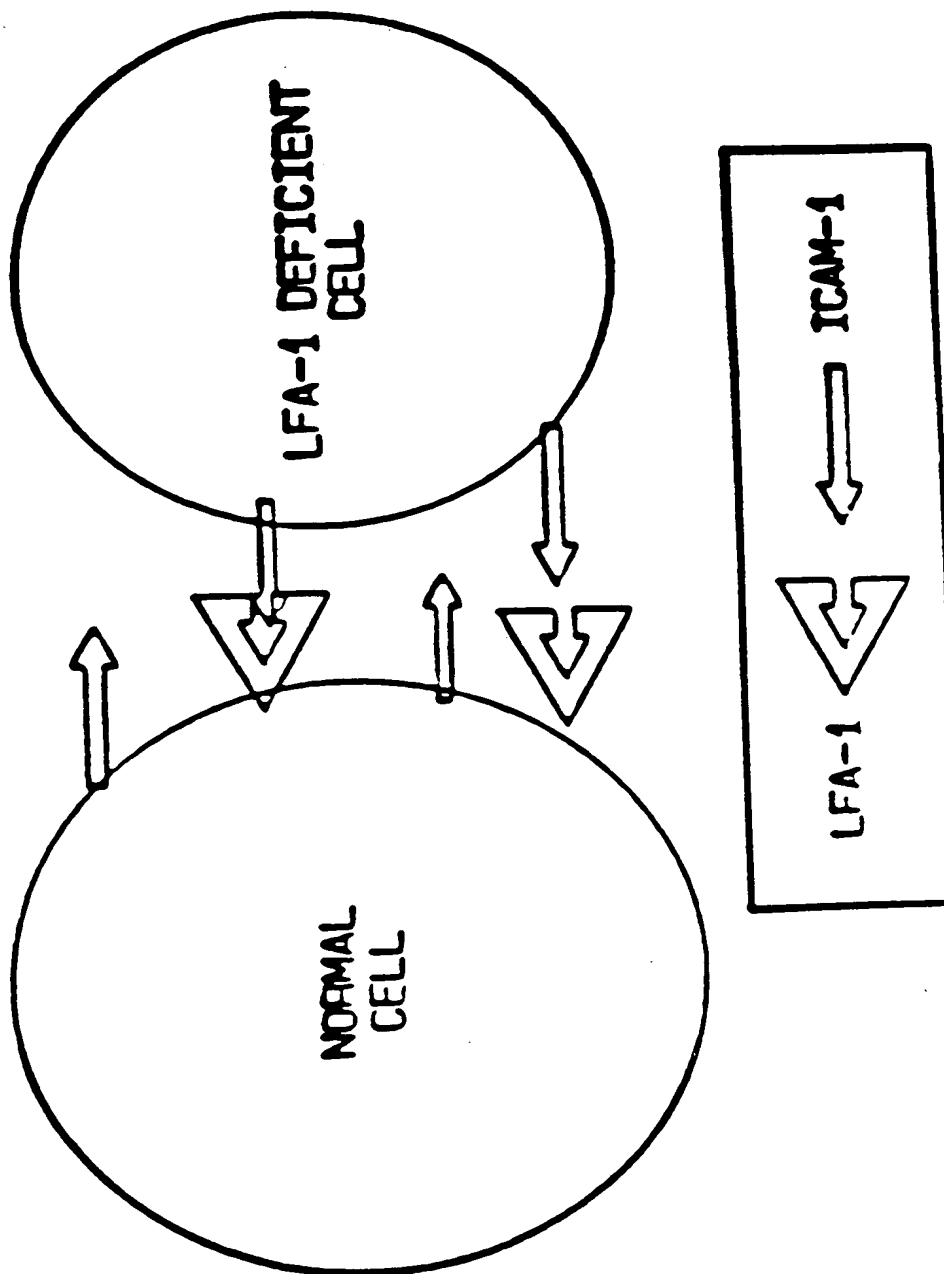
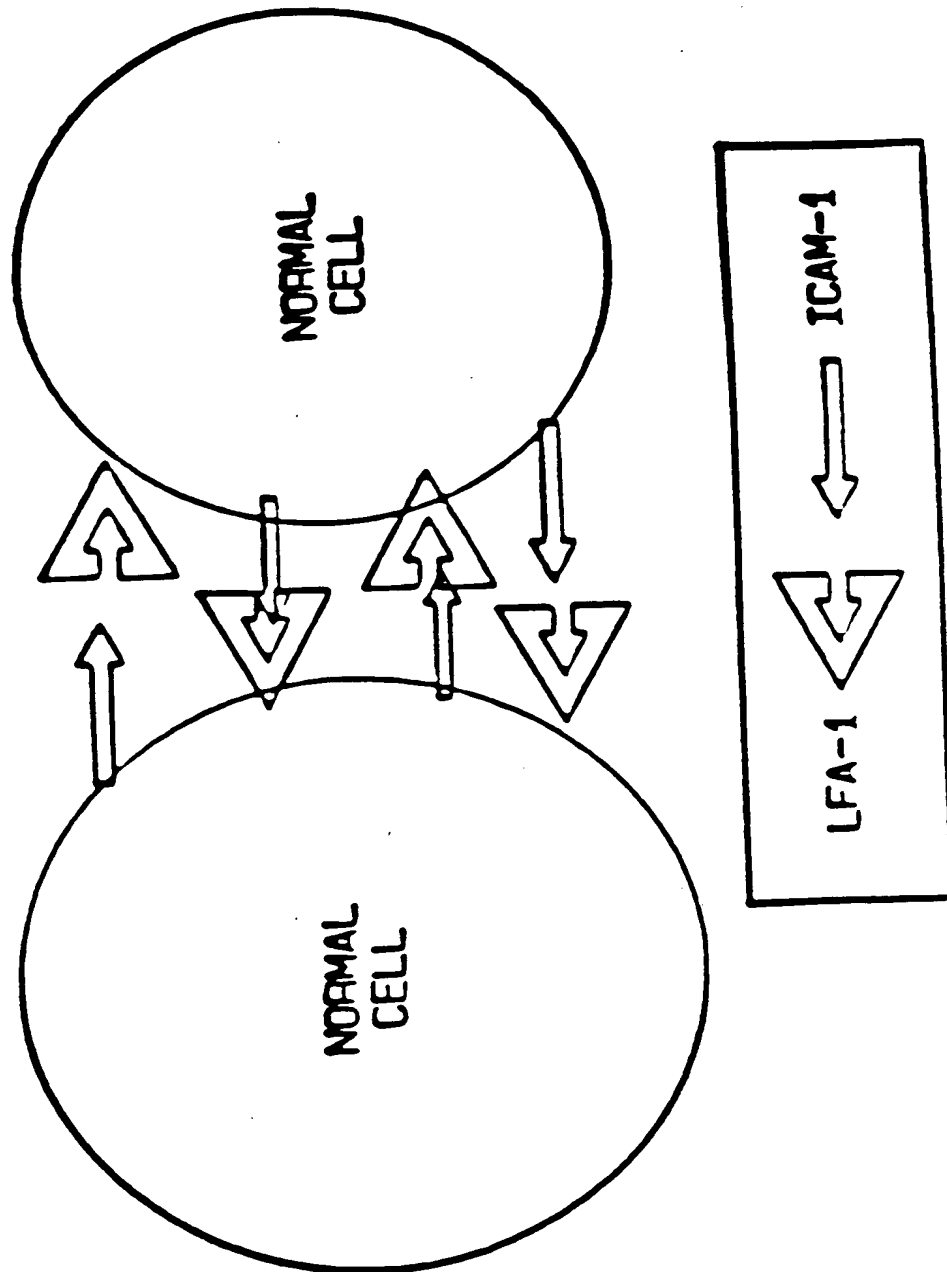
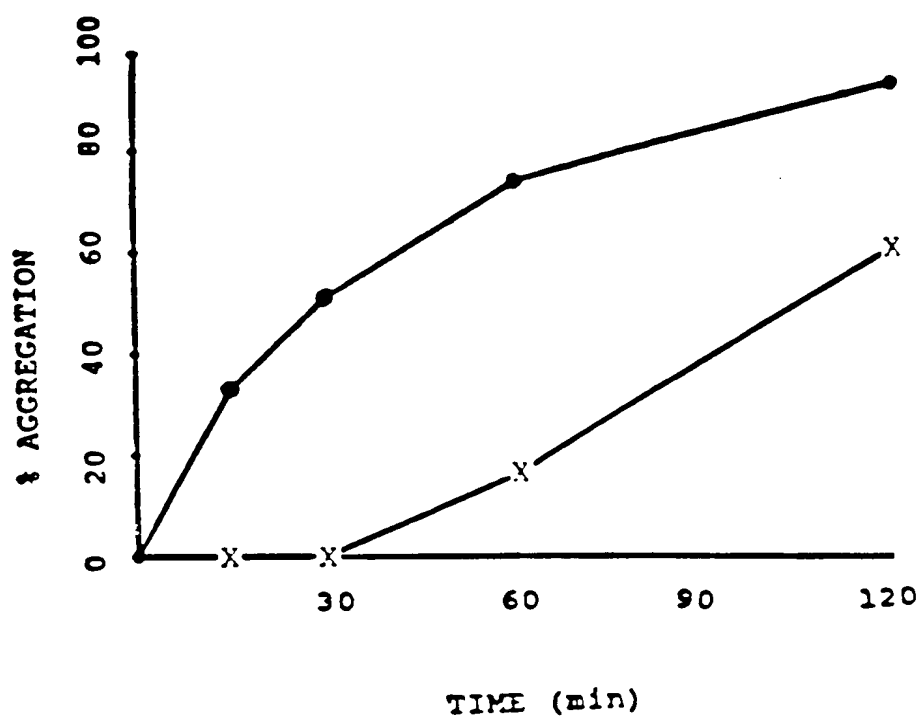


FIGURE 2

NORMAL/NORMAL CELL
ADHESION

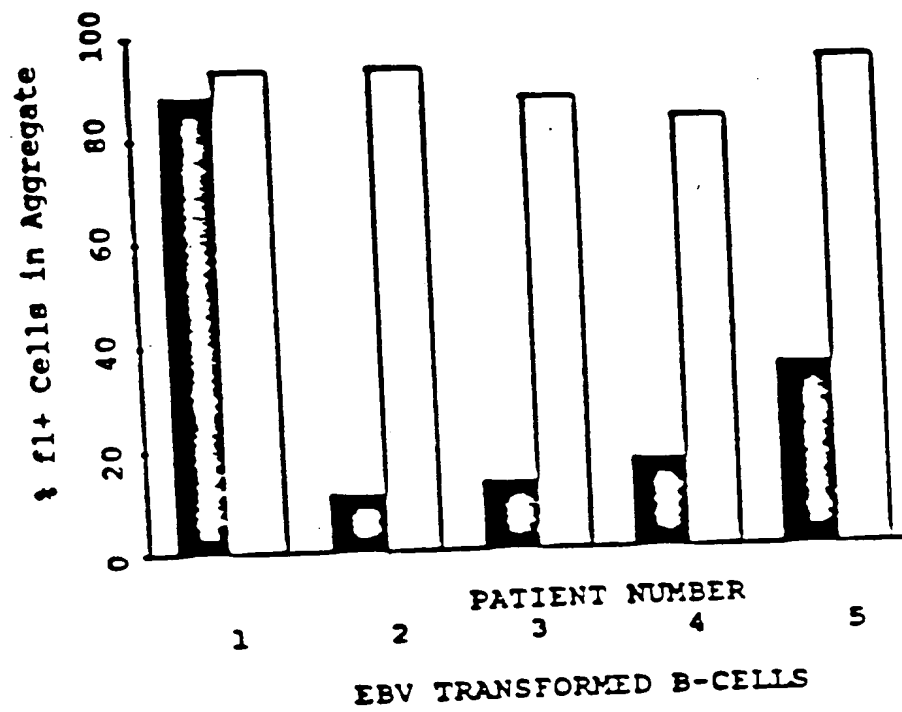
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FIGURE 3



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FIGURE 4



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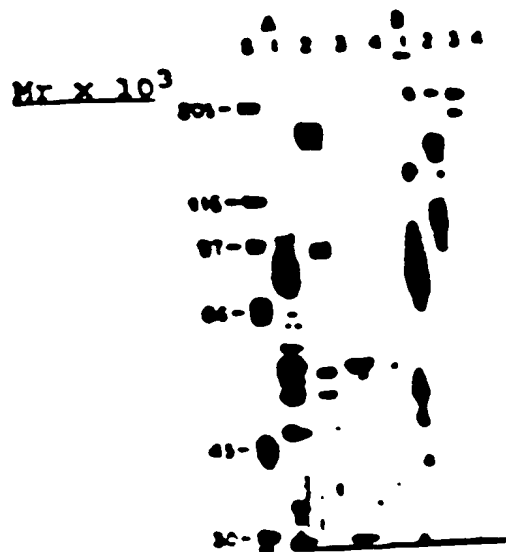


FIGURE 5

125I-SPECIFIC BINDING (cpm x 10)

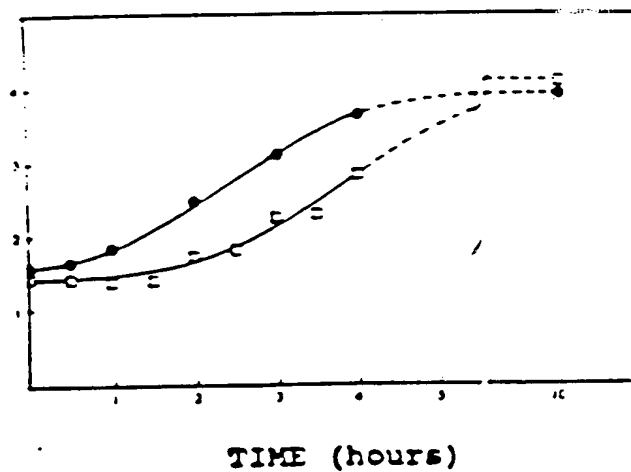


FIGURE 6

FIGURE 7

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^{125}I -SPECIFIC BINDING (cpm $\times 10^{-3}$)

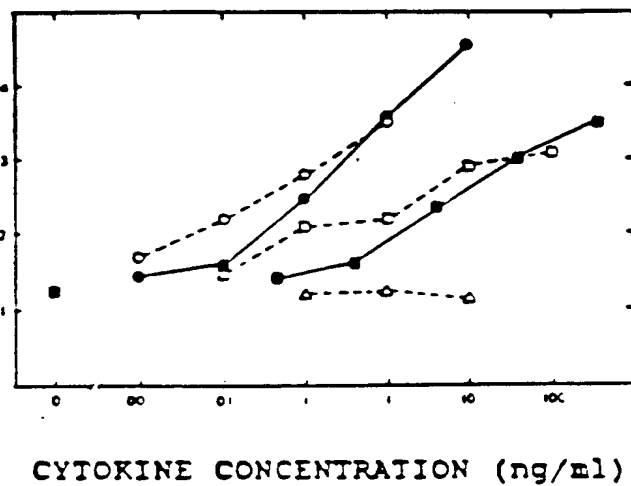


Figure 8

[illegible]

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[illegible]

D.
 (CMA-1 197-282(M))
 (MC 238-118(M))
 POLVSP RVLEVDTOGTVPF - - - SIL - DRLPVSFA - QVHIAL - MORIN - TVTYCNDPSA - KASVSVAEN - F - CTDRLTCV - VILGNOSORT - OTVTI - TS
 PIANSFADTFLSRSARIIICLVTDLT TYSLUMISMA - SHNGRA - LDTMNI - LIESHPCNAT - LSA - MCEASVCARD - M - E - GEN - F - I - C - I - V - THADLPPI - R - NTJ - SES

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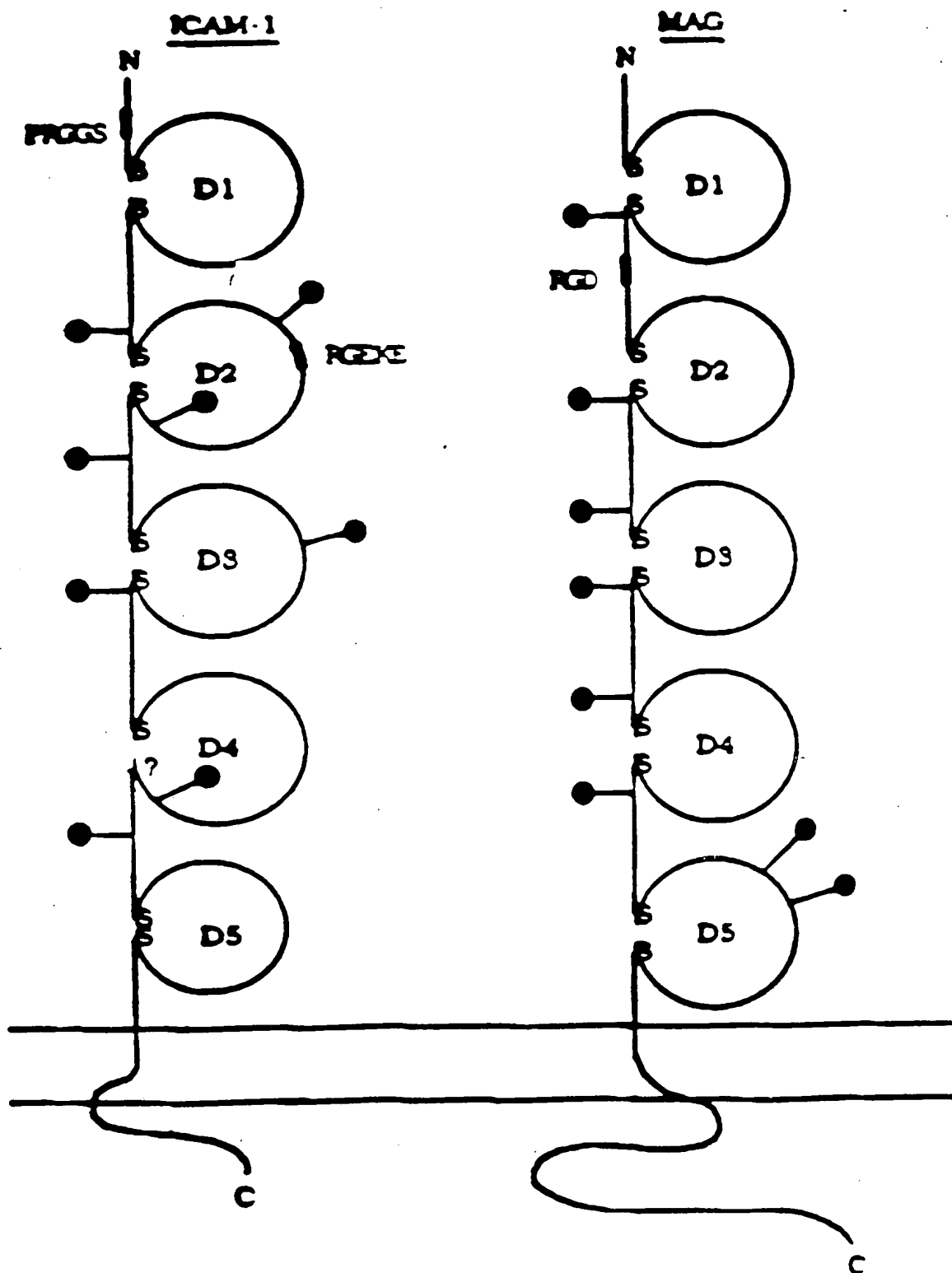


Figure 10

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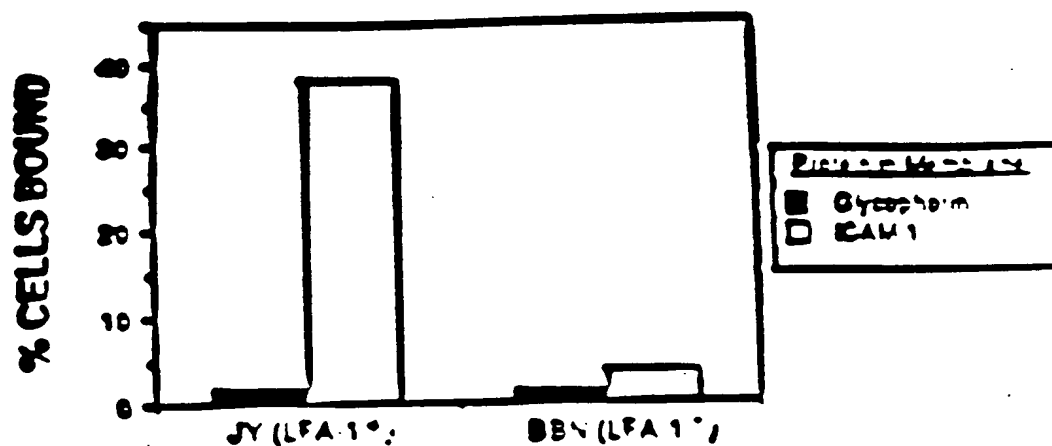


Figure 11 LFA-1 positive EBV-transformed B-lymphoblastoid cells bind to ICAM-1 in planar membranes.

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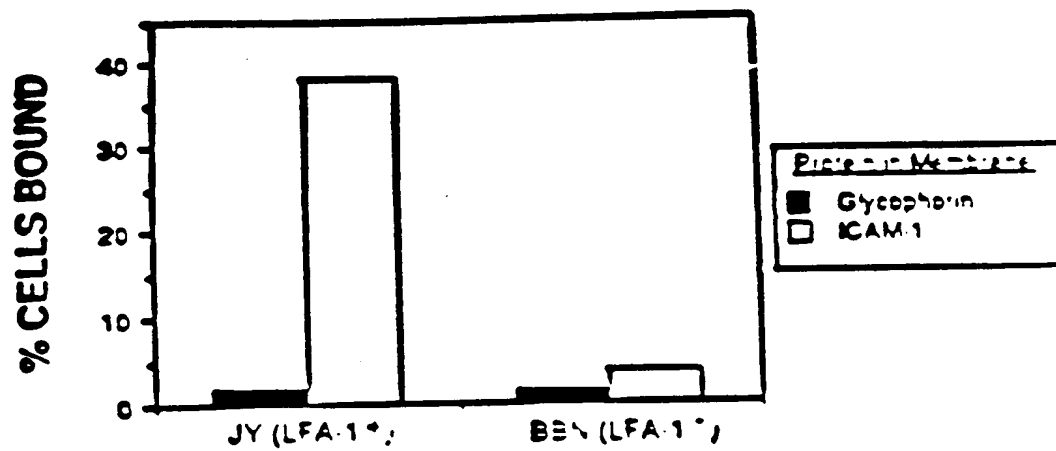


Figure 12 LFA-1 positive EBV-transformed B-lymphoblastoid cells bind to ICAM-1 in planar membranes.

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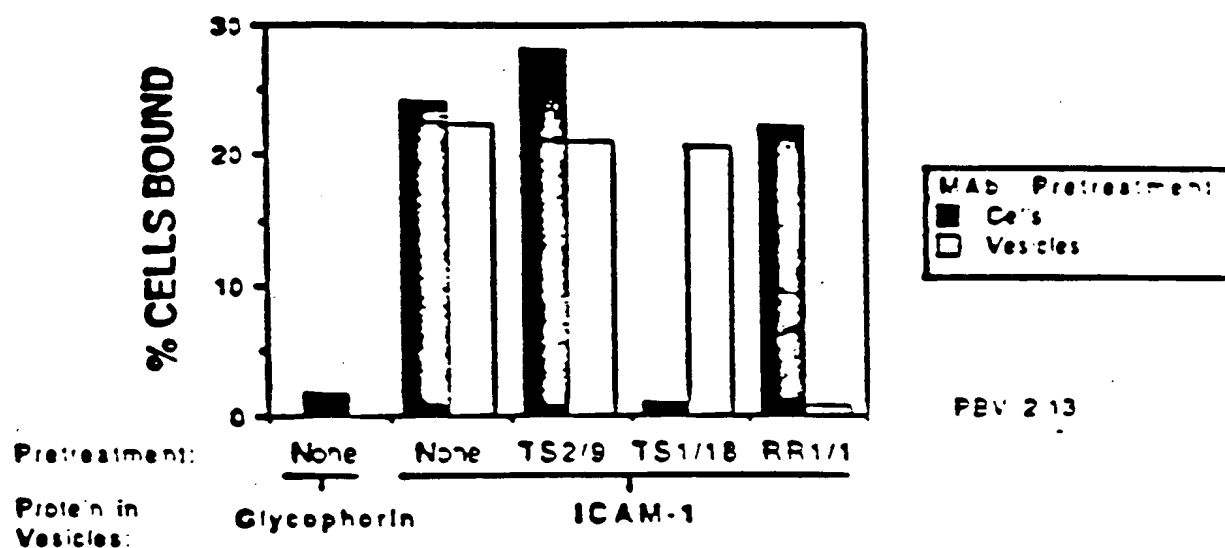


Figure 13 Inhibition of binding of JY B-lymphoblastoid cell binding to ICAM-1 in plastic-bound vesicles by pretreatment of cells or vesicles with monoclonal antibodies.

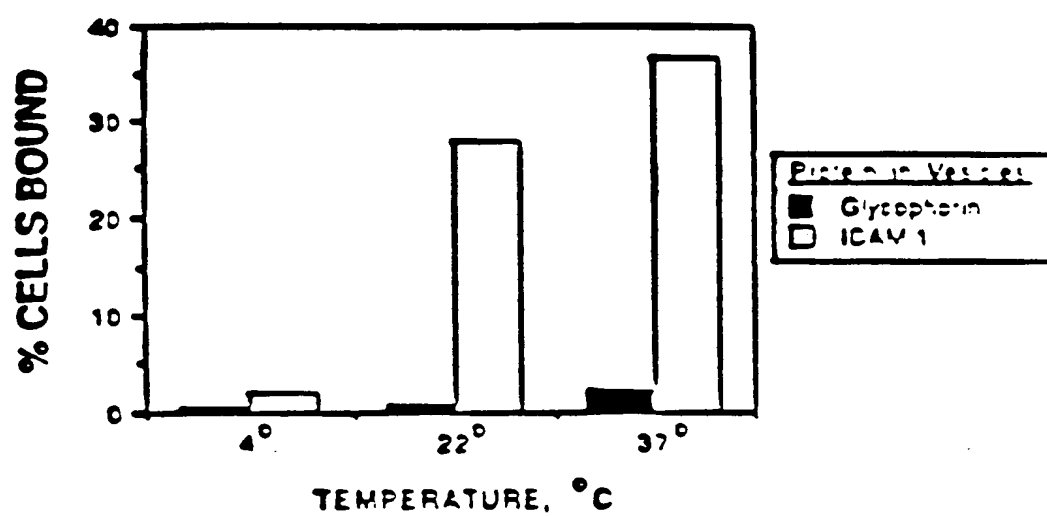


Figure 14 Effect of temperature on binding of T-lymphoblasts to ICAM-1 in plastic-bound vesicles.

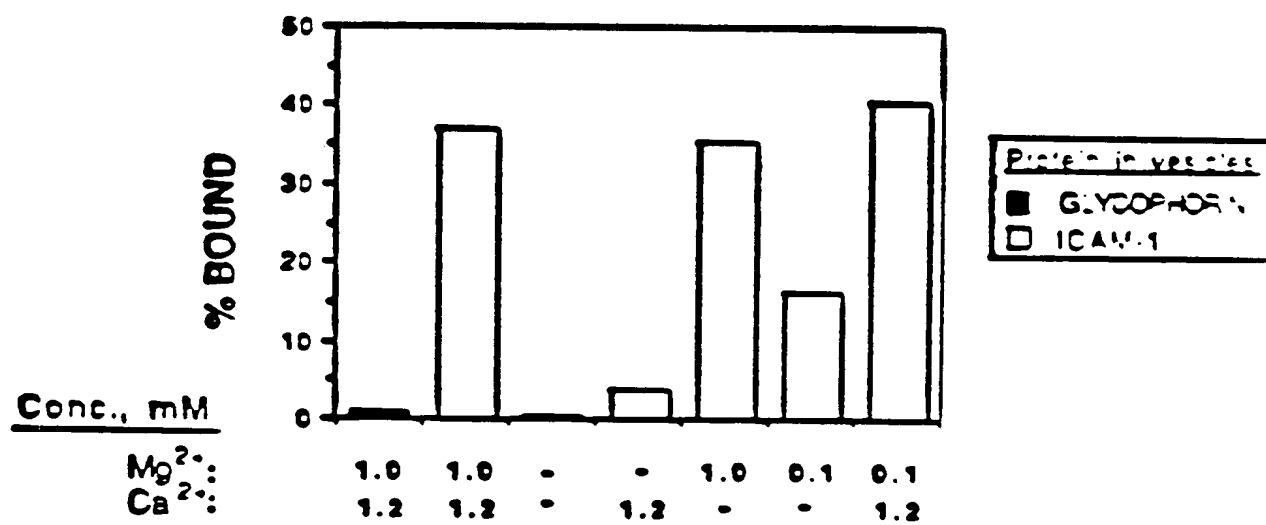
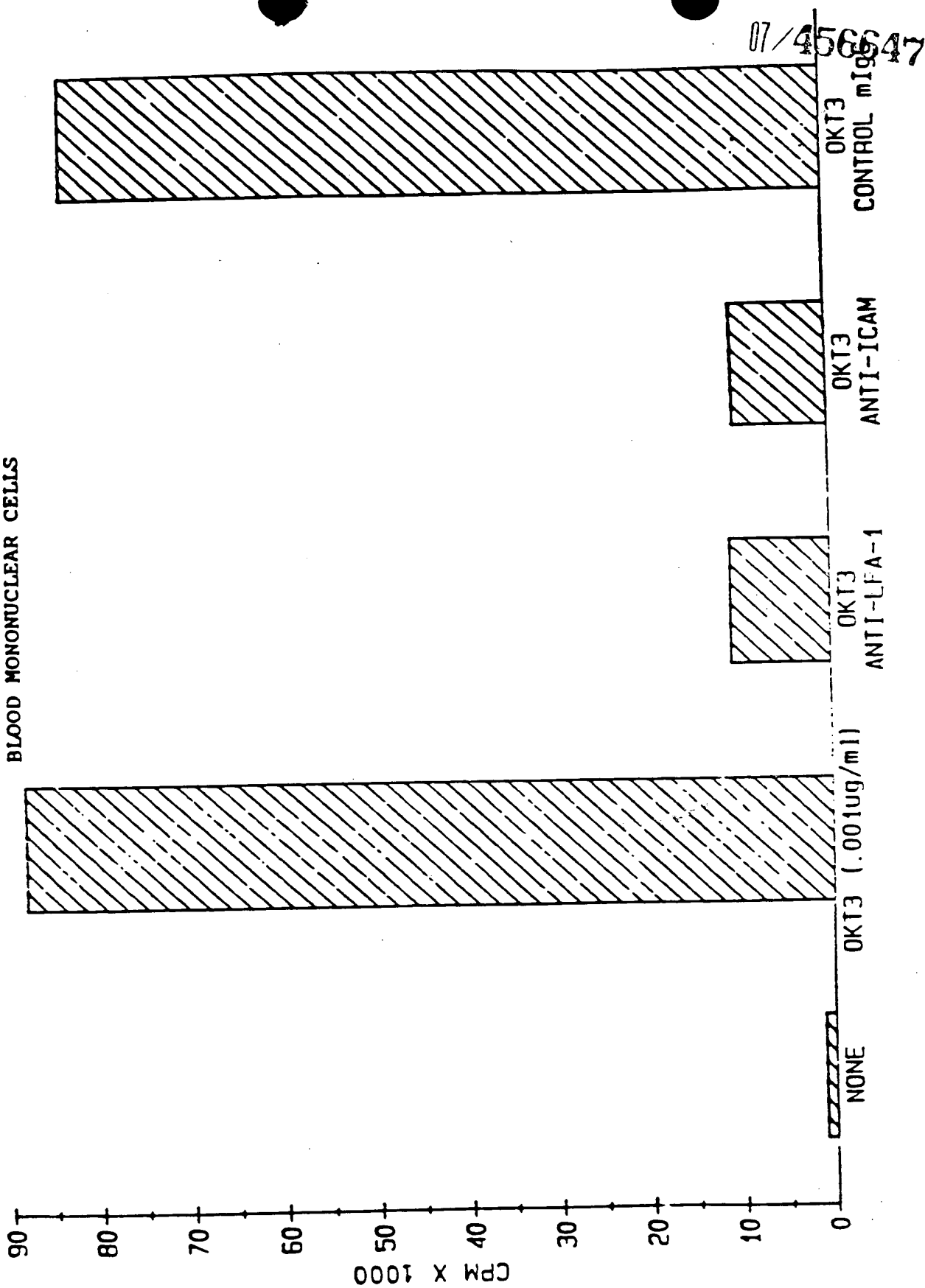
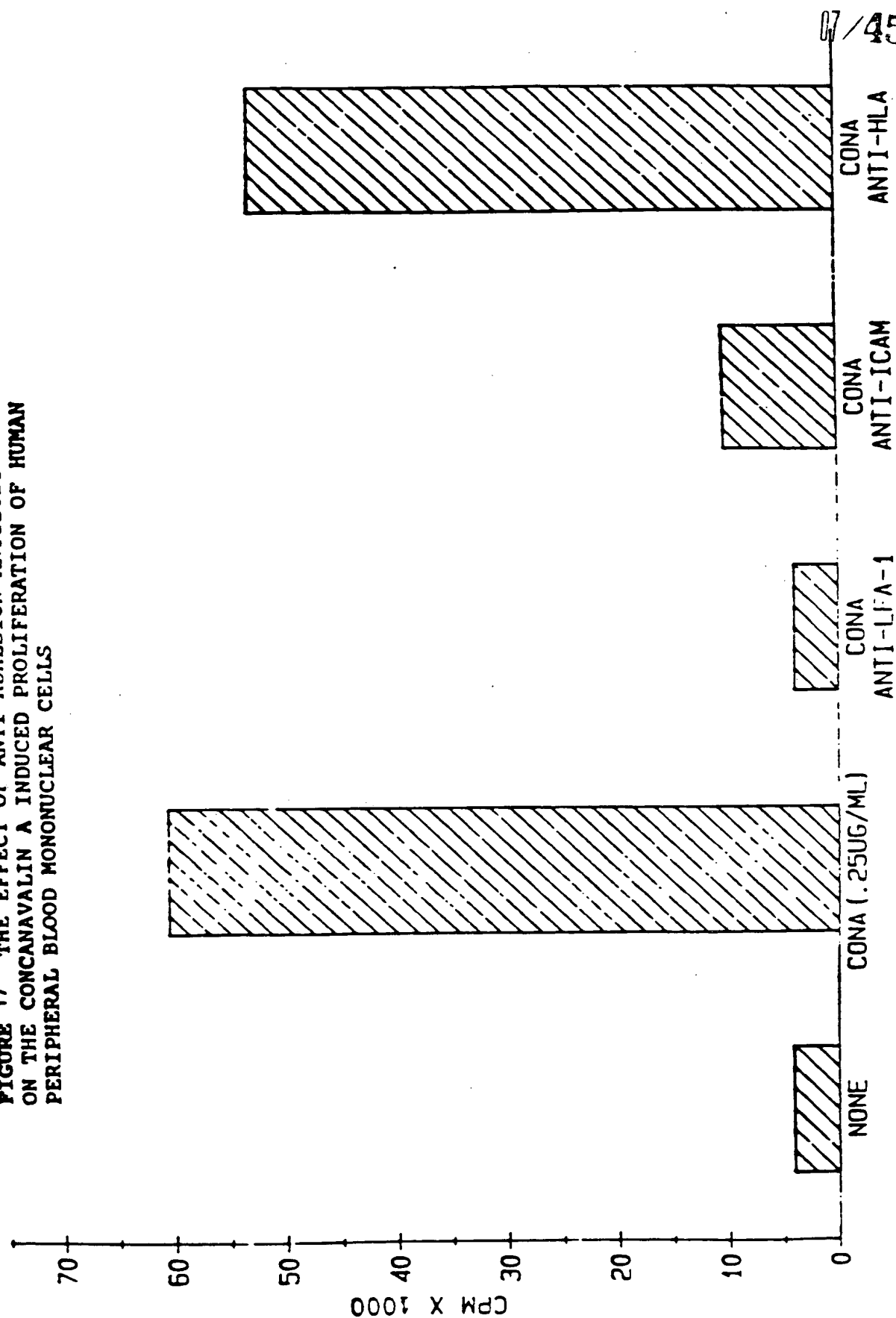


Figure 15 Divalent cation requirement for binding of T-lymphoblasts to ICAM-1 in plastic-bound vesicles.

FIGURE 16 THE EFFECT OF ANTI-ADHESION ANTIBODY
ON THE OKT3 INDUCED PROLIFERATION OF HUMAN PERIPHERAL
BLOOD MONONUCLEAR CELLS

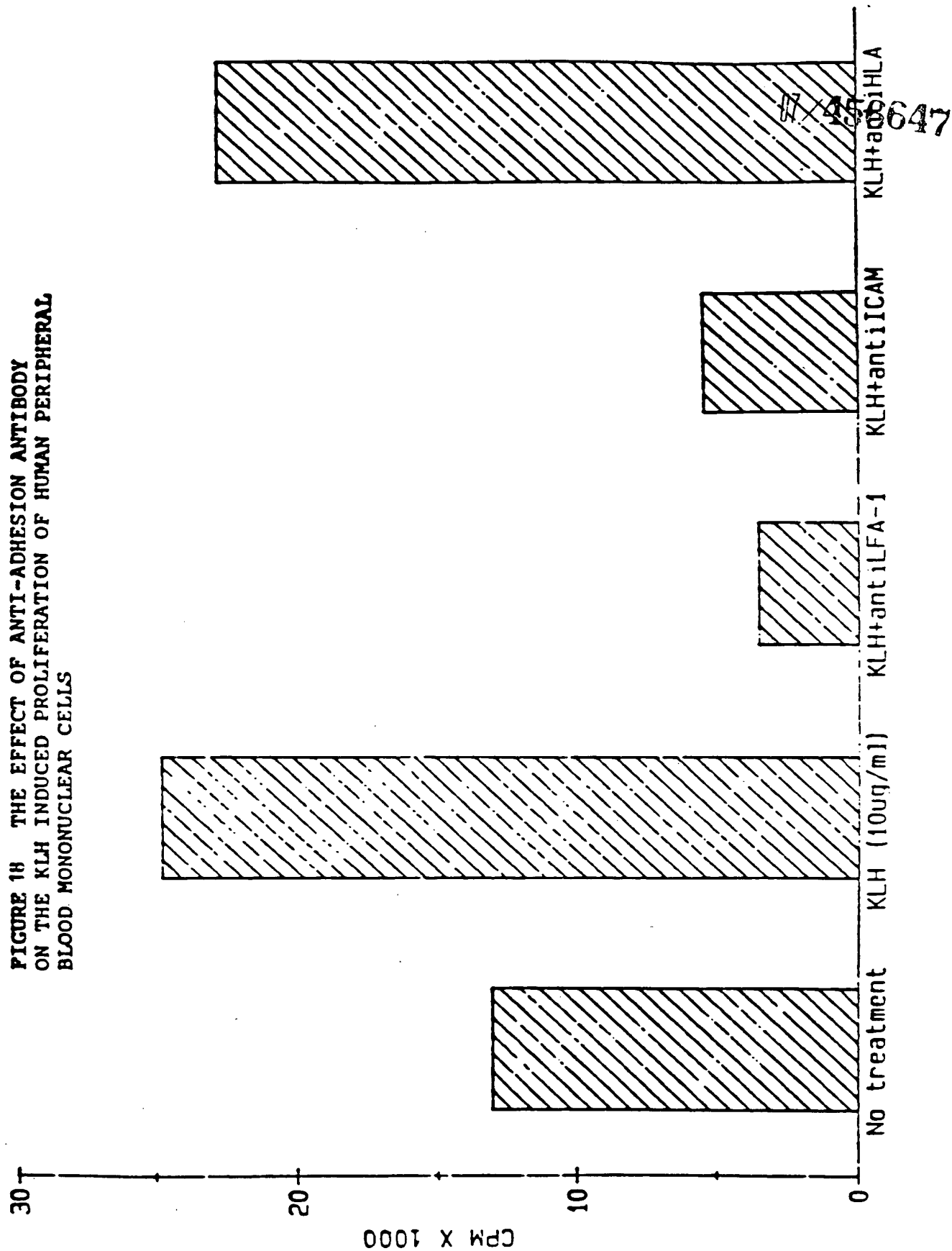


**FIGURE 17 THE EFFECT OF ANTI-ADHESION ANTIBODY
ON THE CONCAVALIN A INDUCED PROLIFERATION OF HUMAN
PERIPHERAL BLOOD MONONUCLEAR CELLS**

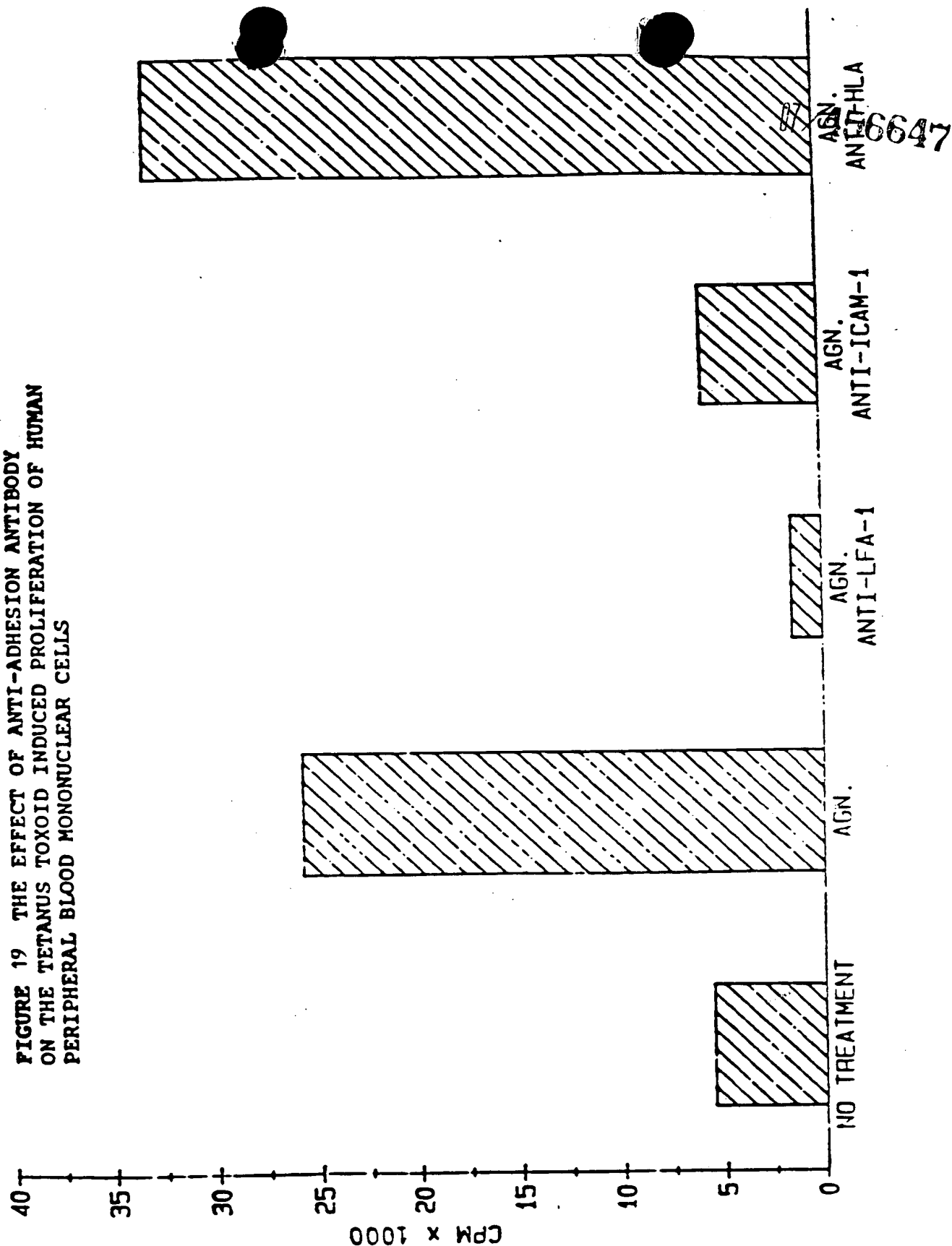


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FIGURE 18 THE EFFECT OF ANTI-ADHESION ANTIBODY
ON THE KLH INDUCED PROLIFERATION OF HUMAN PERIPHERAL
BLOOD MONONUCLEAR CELLS



**FIGURE 19 THE EFFECT OF ANTI-ADHESION ANTIBODY
ON THE TETANUS TOXOID INDUCED PROLIFERATION OF HUMAN
PERIPHERAL BLOOD MONONUCLEAR CELLS**



ICAM Amino Terminal Domain Homology

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ICAM-2 EVHVRPKLAVSQR-SLEVNCSST
 mu ICAM-1 QVSIHPREAFLPQGGSVQVNCSS
 mu ICAM-1 QTSVSPSKVILPRGGSVLVTCTST
 KA AGL EA E

TCNQPEVGGLETSL-NKILLDE
 SCKEDLSSTGLTQWLKDELESG
 SCDDQFKILGIFTPLPKKELLIP

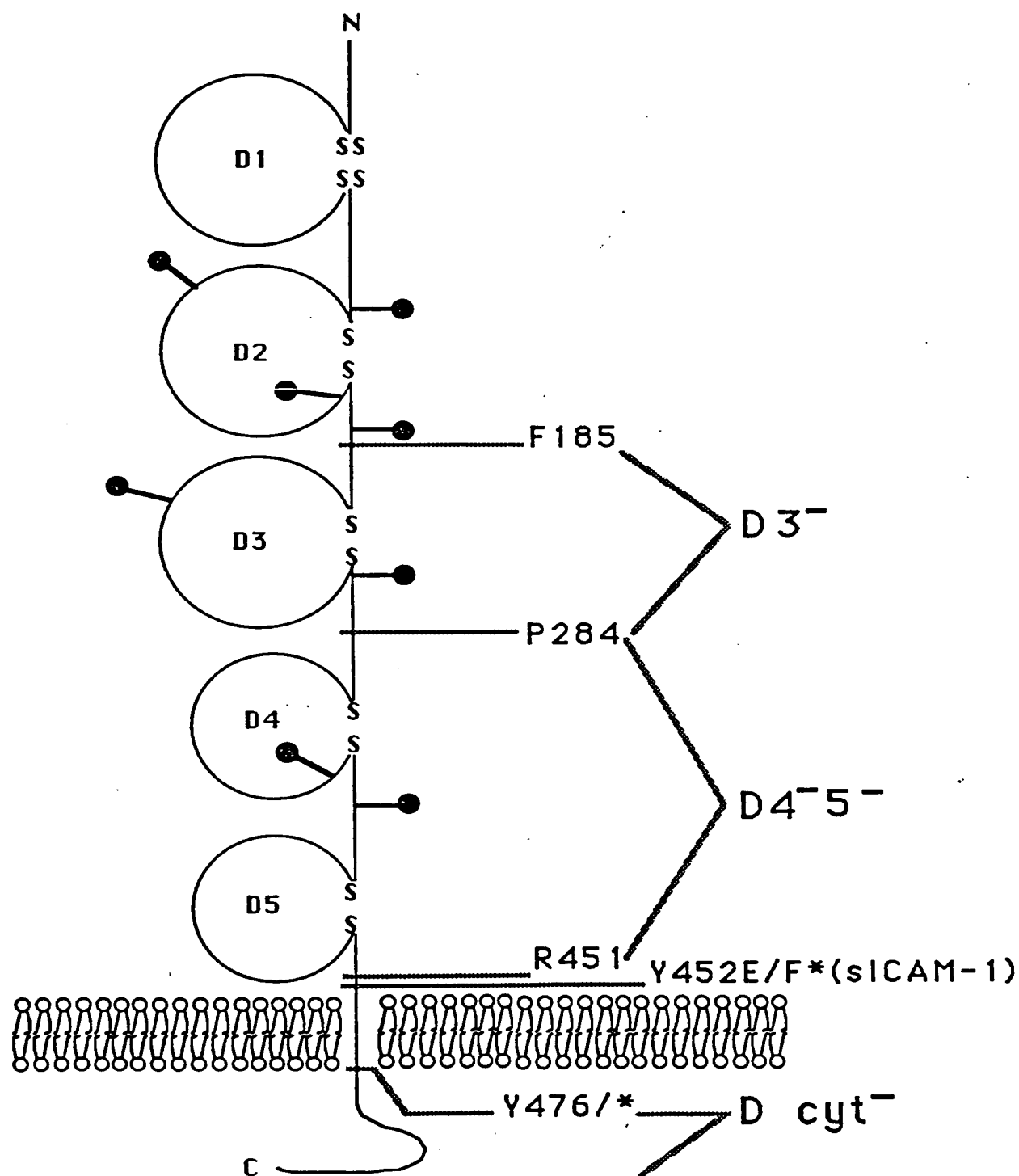
QAQWKHYLVSNISHDIVLQCHF-TCS
 PNWKL-FELSEIGEDSSP-CALENCG
 GNNRKVYELSNVQEDSQPMCY-SNCP
 AKDI
 H KL
 N

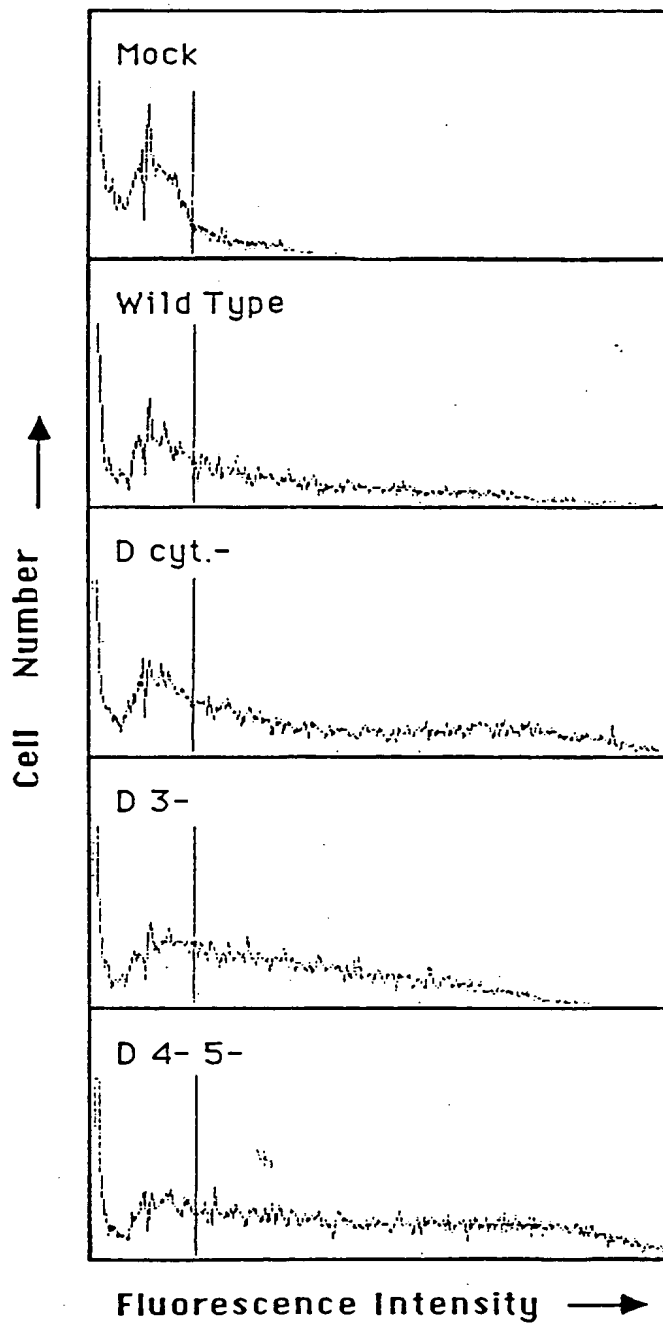
73 90
 CKQESMNSNVSVYQPPRQVILT
 TVQSSASATITVYPTFESVELR
 DGOSTAKTFELTVYWTPELVELA
 NGEL K
 H

Figure 20

ICAM-1 Deletion Mutants

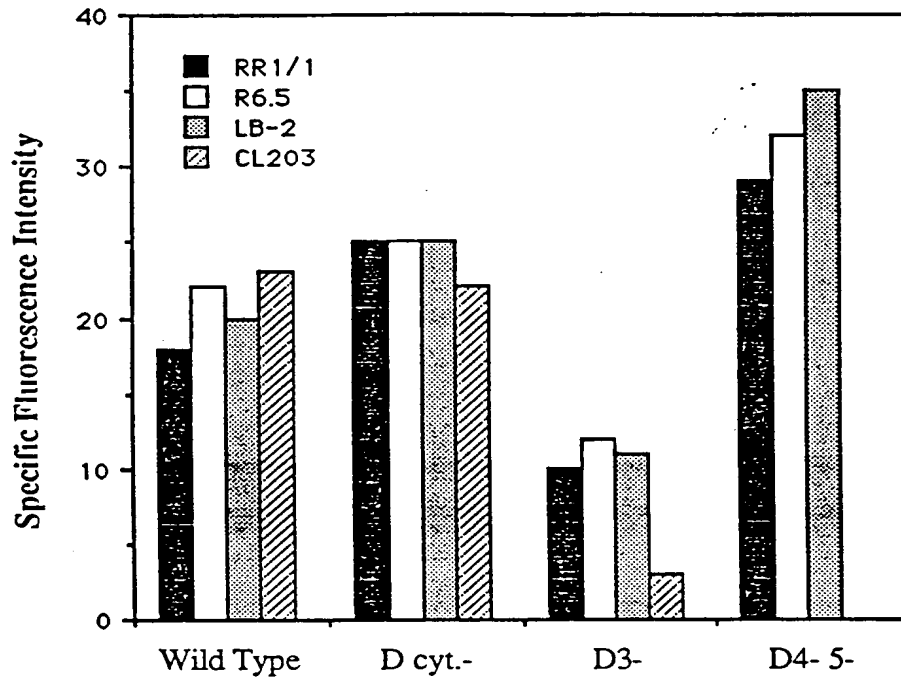
Figure 2B
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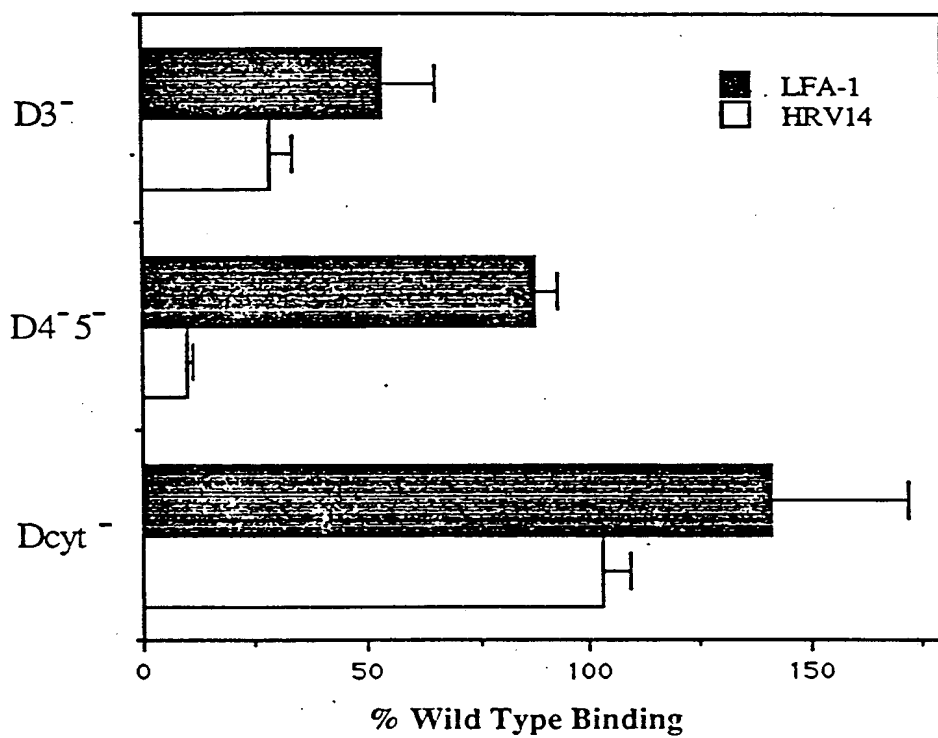
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Figure 23



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Figure ~~26~~
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Figure 27
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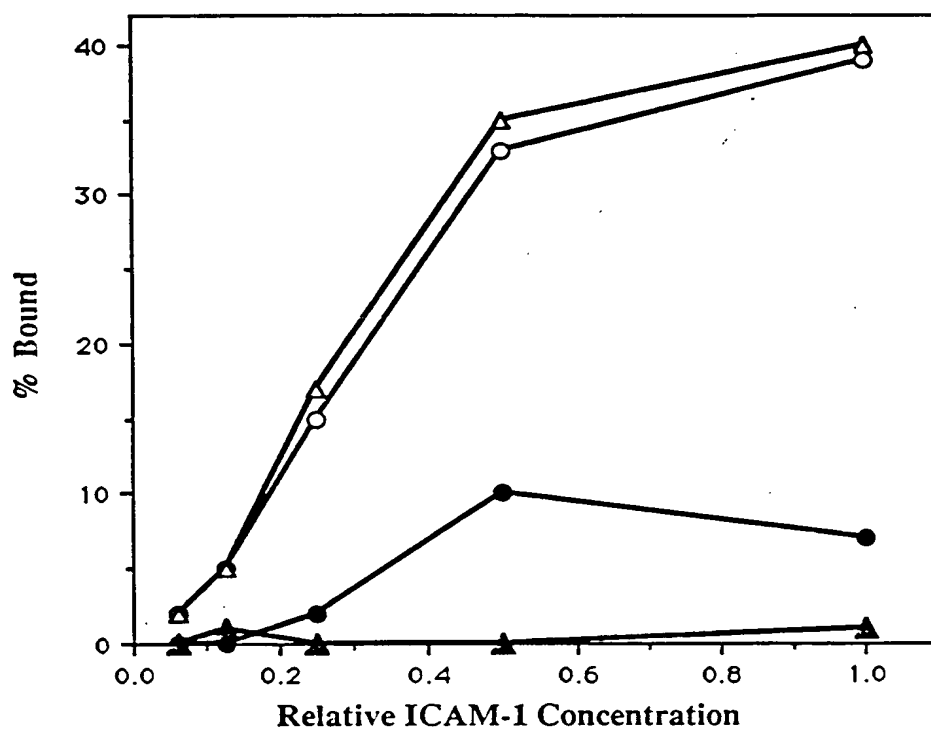


Figure 20
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